

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	118	((("5734401") or ("5751319") or ("5757390") or ("5784087") or ("5854646") or ("6243115") or ("6283586") or ("6322205") or ("6322207") or ("6350024") or ("20010017641") or ("20010019347") or ("20010020970") or ("20020036680") or ("20020080216") or ("20020101487") or ("20020118260") or ("5146243") or ("5600358") or ("5956054") or ("6086193") or ("6231173") or ("6276788") or ("6286944") or ("6286945") or ("6494568") or ("6273562") or ("4053902") or ("4419678") or ("4551734") or ("4700202") or ("4967207") or ("5523780") or ("5541631") or ("6048055") or ("6102535") or ("6264314") or ("6286921") or ("6293662") or ("6443567") or ("6582068") or ("6585362") or ("6648460") or ("6666542") or ("5870126") or ("0562717") or ("0803364") or ("0803365") or ("1201441") or ("0803364") or ("0562717") or ("0803364") or ("0803365") or ("0597628"))).PN. or ((04/187448) or (03/016738)).APP.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:44
S2	5	((("199407699") or ("9407699"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 09:43
S3	48	S1 and (fill\$3 or refill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 10:01
S4	20	S1 and (refill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 10:12

S5	17	S1 and (refill\$3) and ((air or gas) same (ink or liquid))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 10:14
S6	10	S1 and (refill\$3) same ((air or gas) same (ink or liquid))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 10:28
S7	5302	(347/84,85,86).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:08
S8	49	S7 and (refil\$4) same (air and (liquid or ink)) same (introduc\$3 or enter\$3 or into) same (exit\$3 or expel\$4 or out)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 10:22
S9	1	"20010019347" and (air with enter \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 10:22
S10	1	"20010019347" and (fluid near (expel\$4 or exit\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 10:25
S11	1	"20010019347" and (fluid near (expel\$4 or exit\$3) with air)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 10:25
S12	6	"5675367" and (air same ink same refill\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 10:28
S13	112	S7 and (((ink or liquid) and gas) with ((enter\$3 or into or introduc \$3) and (exit\$3 or out or leav\$3 or expel\$4)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 10:51

S14	4	S7 and (((ink or liquid) and gas) with ((enter\$3 or into or introduc\$3) and (exit\$3 or out or leav\$3 or expel\$4))) same refill\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 11:02
S15	24	S7 and (((ink or liquid) and gas) with ((enter\$3 or into or introduc\$3) and (exit\$3 or out or leav\$3 or expel\$4))) same (refill\$4 or fill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 12:19
S16	9	10/060821 or 10/632728	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 12:19
S17	9	S16 and (fill\$3 or refill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 12:22
S20	7384	(347/84,85,86,29,30,87).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:09
S21	1038	S20 and (nozzle or eject\$3 or orifice) with (fill\$3 or refill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 13:11
S22	557	S20 and (nozzle or eject\$3 or orifice) near3 (fill\$3 or refill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 13:27
S23	457	S20 and (nozzle or eject\$3 or orifice) near3 (fill\$3 or refill\$3) and (((ink or liquid) same (air or gas))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 13:36
S24	1	10/768412	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 13:37

S25	2	("6322207").PNL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/31 13:46
S26	739	"347"/\$3 and Hewlett near packard. as. and refill\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/05/31 13:46
S27	7384	(347/84,85,86,29,30,87).CCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/01 10:36
S28	322	S27 and (air with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out)) and ((ink or liquid) with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/06/01 10:40
S29	320	S27 and (air with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out)) same ((ink or liquid) with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/06/01 10:43
S31	66	S27 and (air with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out)) same ((ink or liquid) with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out)) same (fill\$3 or refill\$3 or replenish\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/06/01 11:02
S32	2	"20030025773"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/06/01 12:35
S33	12	S27 and (air near3 (exit\$3 or evacuat\$3 or leav\$3 or out)) same ((ink or liquid) near3 (into or enter \$3 or introduc\$3)) same (fill\$3 or refill\$3 or replenish\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/06/01 11:05
S34	21	"5847734"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/06/01 12:35

S35	4	"20030025773" or "5847734".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/10/23 10:20
S36	4	("20030025773" or "5847734").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/10/24 13:39
S37	2	"5675367".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/10/25 12:21
S38	7755	(347/84,85,86,29,30,87).OCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/25 12:44
S39	60	S38 and (air with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out)) same ((ink or liquid) with (into or enter\$3 or introduc\$3) with (exit\$3 or evacuat\$3 or leav\$3 or out)) same (fill\$3 or refill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/10/25 12:44
S40	2	"20020122104"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/04/07 14:24
S41	2	"5721576".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/04/07 15:08
S42	2	"6116723".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/04/07 15:09
S43	2	"5631681".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/04/07 15:34

S44	4	"20020122104" or "5631681".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/25 09:52
S45	9	10/060821 or 10/632728	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/25 09:59
S46	13	347/86 and (hewlett.as. and steinmetz.in.) and (air same (liquid or ink))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/25 09:59
S47	3	347/86 and (hewlett.as. and steinmetz.in.) and (air same (liquid or ink)).dlm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/25 10:00
S48	12	martin.xa. near laura and (re\$1fill \$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2008/08/25 10:05
S49	1	10/768412	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/05 14:15
S50	3	"20040183870"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/05 14:17
S51	25	martin.xa. near laura and 347/86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/05 14:17
S52	27	347/86 and steinmetz.in. near charles	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/05 14:21

S53	8779	(347/84,85,86,29,30,87).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/06 13:42
S54	136	S53 and (fill\$3 or re\$1fill\$3) with (air or gas) near3 (leav\$3 or exit\$3 or out)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/06 13:42
S55	3491	(347/85 or 347/86) and (fill\$3 or re\$1fill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/06 14:05
S56	8779	(347/84,85,86,29,30,87).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/07 07:50
S57	1559	S56 and (fill\$3 or re\$1fill\$3) with (air or gas) with (liquid or solution or ink)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/07 07:50
S58	1430	S56 and (fill\$3 or re\$1fill\$3) with (inlet or nozzle\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/07 09:22
S59	616	S56 and (re\$1fill\$3) with (inlet or nozzle\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/01/07 09:23
S60	138	S56 and (re\$1fill\$3) with (inlet or nozzle\$1) with (air or gas)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 09:23
S61	2	"6318850".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 09:38
S62	1	1999-580170.NRAN.	DERWENT	AND	OFF	2009/01/07 09:38

S63	3	S66 and (bag same free near volume)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 09:53
S64	0	S66 and (bag same sponge same reservior)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 09:53
S65	1519	S66 and (bag)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 09:53
S66	0	S66 and (bag) same embodiment	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 09:55
S67	0	"347"/\$3 and (bag with embodiment \$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 09:56
S68	0	"347"/\$3 and (cartridge\$1 with embodiment\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 09:57
S69	638	"347"/\$3 and (embodiment\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 09:57
S70	3	"9944830"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 10:08
S71	2	"63158850" pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 10:09

S72	2	"6318850".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 10:09
S73	840	"347"/\$3 and (bag or expand\$4 near chamber) with (reservoir or open or free)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 10:12
S74	4	"4312007".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 10:19
S75	2	"4,831,389".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 10:20
S76	2	"4831389".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/01/07 10:20
S77	8233	(347/84,85,86,29,30).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/12 08:34
S78	285	S77 and (foam or froth) with ink with (fill\$4 or refill\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/02/12 08:34
S79	2	"4658268".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/02/12 08:41
S80	1	1999-580170.NRAN.	DERWENT	AND	OFF	2009/02/12 08:42
S81	0	S78 and ("5812168" or "7008050"). pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/02/12 08:43

S82	4	air and ("5812168" or "7008050").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/02/12 08:43
S83	2	air with ink with (return\$3 or fill\$3 or refill\$3) and ("5812168" or "7008050").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2009/02/12 08:43
S88	8891	(347/84,85,86,29,30).CCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/11 12:46
S89	12509	S88 and (air or gas) with (ink or liquid or solution) with (enter or into or in or return\$3) with (leave or exit\$3 or out)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:45
S90	986	S88 and ((air or gas) with (ink or liquid or solution) with (enter or into or in or return\$3) with (leave or exit\$3 or out)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:46
S91	319	S88 and ((air or gas) with (ink or liquid or solution) with (enter or into or in or return\$3) with (leave or exit\$3 or out) with (cartridge or chamber or reservoir or printhead)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:46
S92	2278	S88 and ((air or gas) with (ink or liquid or solution) with (enter or into or in or return\$3) with (leave or exit\$3 or out) with (cartridge or chamber or reservoir or printhead))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:47
S93	0	S88 and ((air or gas) with (ink or liquid or solution) with (enter or into or in or return\$3) with (leave or exit\$3 or out) with (cartridge or chamber or reservoir or printhead) with (bi\$direction\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:50
S94	0	S88 and ((air or gas) with (ink or liquid or solution) with (enter or into or in or return\$3) with (leave or exit\$3 or out) with (cartridge or chamber or reservoir or printhead) with (bi\$direction\$3)).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:50

S95	0	S88 and ((air or gas) with (ink or liquid or solution) with (enter or into or in or return\$3) with (leave or exit\$3 or out) with (cartridge or chamber or reservoir or printhead) with (two near direction)).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:50
S96	0	S88 and ((air or gas) with (ink or liquid or solution) with (enter or into or in or return\$3) with (leave or exit\$3 or out) with (cartridge or chamber or reservoir or printhead) with (both near direction)).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:50
S98	9	S88 and ((air or gas) with (ink or liquid or solution) with (enter or into or in or return\$3) with (leave or exit\$3 or out) with (cartridge or chamber or reservoir or printhead) with (simultaneous\$3)).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:51
S99	9	S88 and ((air or gas) with (ink or liquid or solution) with (enter or into or in or return\$3) with (leave or exit\$3 or out) with (cartridge or chamber or reservoir or printhead) with (simultaneous\$3)).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:51
S100	244	S88 and ((air or gas) with (ink or liquid or solution) with (enter or into or in) with (leave or exit\$3 or out) with (cartridge or chamber or reservoir or printhead)).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:53
S101	244	S88 and ((air or gas) with (ink or liquid or solution) with (enter or into or in) with (leave or exit\$3 or out) with (cartridge or chamber or reservoir or printhead)).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:53
S102	5	(347/84 or 347/85 or 347/86) and ((air or gas) with (ink or liquid or solution) with (enter or into or in) with (leave or exit\$3 or out) with (cartridge or chamber or reservoir or printhead)).dm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/11 12:54

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